

Title (en)

COATING FILM HAVING THIN FILM STEP COVERAGE AND STRUCTURAL SUBSTRATE EQUIPPED WITH SAID FILM

Title (de)

BESCHICHTUNGSSCHICHT MIT DÜNNSCHICHTSTUFENBESCHICHTUNG UND STRUKTURSUBSTRAT MIT DIESER SCHICHT

Title (fr)

FILM DE REVÊTEMENT AYANT UN REVÊTEMENT D'ÉTAPE DE FILM MINCE ET SUBSTRAT STRUCTUREL MUNI DUDIT FILM

Publication

EP 3489345 A4 20191016 (EN)

Application

EP 17830980 A 20170718

Priority

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- JP 2017025878 W 20170718

Abstract (en)

[origin: EP3489345A1] The invention provides a structural base which has a uniform and thin coating film that is highly inhibitory to biomaterial adhesion and does not adversely affect measurements such as optical measurement, and a method for producing such structural bases. A structural base includes a coating film on at least a portion of the surface thereof, the coating film having a difference between the maximum film thickness and the minimum film thickness of not more than 1000 Å. A method of the invention produces such structural bases. The coating film includes a copolymer including a repeating unit containing a group represented by the following formula (a), and a repeating unit containing a group represented by the following formula (b) (wherein U, u, U, U, U and An are as defined in the description and the claims).

IPC 8 full level

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Citation (search report)

- [X] EP 3006554 A1 20160413 - NISSAN CHEMICAL IND LTD [JP]
- [E] EP 3231825 A1 20171018 - NISSAN CHEMICAL IND LTD [JP]
- [X] EP 3006529 A1 20160413 - NISSAN CHEMICAL IND LTD [JP]
- [E] EP 3363870 A1 20180822 - NISSAN CHEMICAL IND LTD [JP]
- See also references of WO 2018016463A1

Designated contracting state (EPC)

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